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Activating a research fault localization bot on your project? #4275

Edit

New issue

 Open

dginelli opened this issue 26 days ago · 5 comments



dginelli commented 26 days ago

Spammy



...

Hi!

We are software engineering researchers and are currently looking for active open-source projects where we could test a new cool software bot: flacocobot!

When a new pull request is open, if it has test failures/errors, flacocobot analyzes the failure and posts a diagnosis as comments to the pull request, highlighting the most suspicious lines that likely need to be analyzed to fix the bug.

flacocobot works as follows:

- When a new PR is open, if the test suite fails, flacocobot starts its analysis.
- The top k suspicious (potentially buggy) lines of code are then highlighted as comments to the PR.

We would love to have your feedback in order to understand what you like or you do not like, what we can improve, and if you find it useful!

If you are interested in trying it, we will run flacocobot on your project for a period of two weeks and then give you a 1-minute questionnaire to collect your feedback.

What do you think? Can we activate flacocobot for spoon?

Thanks,

Davide (@dginelli), André (@andre15silva), Matias (@martinezmatias), Benjamin (@danglotb), Martin (@monperrus)

You can find out more in our tools repos:

- <https://github.com/SpoonLabs/flacoco>
- <https://github.com/eclipse/repairnator>

Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestone

No milestone

Linked pull requests

Successfully merging a pull request may close this issue.

None yet

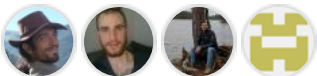
Notifications

Customize

 Unsubscribe


You're receiving notifications because you were mentioned.

4 participants



monperrus commented 24 days ago

Collaborator



...


ok for me, but I have a conflict of interest :)

@nharrand @slarse WDYT?



slarse commented 24 days ago

Collaborator



...

I don't mind. We do have something of a proliferation of code quality tools running now, though. How about we disable LGTM (which is pretty annoying IMO) and run this instead?



 1



MartinWitt commented 24 days ago

Collaborator



...

100% agree with removing LGTM, we have qodana as a (hopefully) better replacement.

If you are interested in trying it, we will run flacocobot on your project for a period of two weeks

2 weeks could be a too small windows for spoon, because sometimes we have week without PRs. Maybe you need to increase the window if your study designs allows it.



dginelli commented 23 days ago

Author

Spammy



...

2 weeks could be a too small windows for spoon, because sometimes we have week without PRs. Maybe you need to increase the window if your study designs allows it.


We can start with two weeks, and then we see what happens. If we will not be lucky, we will just ask you to fill a super short questionnaire about software bots in general.

So, do you agree if we run flacocobot on your project?



monperrus mentioned this issue 21 days ago


fix static analysis warnings by LGTM #4180

 Closed



slarse commented 21 days ago

Collaborator



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@dginelli Go ahead :)



Write

Preview

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@





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Leave a comment

Attach files by dragging & dropping, selecting or pasting them.



 Close issue

Comment

 Remember, contributions to this repository should follow its [contributing guidelines](#).